1	2	3	4	5	6	7	8	9
5.	Solar Timber Kiln	m^2	45	10	35	10	10	—
6.	Solar Cooker (Family)	Nos.	4101	2559	2666	3544	1898	1039
7.	Solar Cooker (Community)	Nos.	98	34	8	13	24	1
8.	Solar Street Lights	Nos.	63	82	54	15	25	—
9.	Solar Domestic Lights	Nos.	45	105	25	120	35	—
10.	Solar Pumps	Nos.	9	13	1	—	—	—
11.	Solar T.V. System	Nos.	21	19	2	1	—	—
12.	Solar Power Plant	KVp.	4	—	—	10	—	—
13.	Solar Lights on Fishing Boats.	Nos.	—	55	3	—	—	—

*Till November, 1993.

RESEARCH WORK TO FIND OUT NEW TYRES NON-CONVENTIONAL ENERGY SOURCES

3218. SHRI TINDIVANAM G. VENKATRAMAN :

SHRI J. S. RAJU :

SHRI MISA R. GANESAN :

Will the PRIME MINISTER be pleased to state :

(a) what are the non-conventional energy sources in vogue in India;

(b) what are the incentives given by Government to find out new type of non-conventional energy sources in research work;

(c) how many research institutes for the purpose are existing in our country;

(d) what is the amount of money spent so far on this programme;

(e) whether the research work so far is commensurate to the expanded amount in this connection; and

(f) if not, what is the reason for the slow progress ?

THE MINISTER OF STATE IN THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES AND MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI S. KRISHNA KUMAR) : (a) Various non-conventional energy source-based technologies in vogue in India are Biogas, Improved Chulhas, Solar Thermal, Solar Photovoltaic, Bio-energy, Wind Energy, Small Hydro-Power, Animal Energy and Battery and Alcohol operated vehicles.

(b) The Government is extending financial assistance for research and development activities.

(c) The number of research organisations including IITs, scientific, technical and educational institutions, CSIR Laboratories, autonomous voluntary bodies and public and private sector research establishments exceed 100.

(d) Since the time of the Sixth Five Year Plan (1980—85), an amount of about Rs. 260 crores has been spent so far on the research and development activities in the field of non-conventional energy sources.

(e) Yes, Sir. The research and development efforts made in this direction have led to the commercialisation and mass utilisation of several technologies and products.

(f) Does not arise.